

1 WHAT IS CLAIMED IS:

1. A disk drive comprising:

a disk drive base;

a spindle motor attached to the disk drive base;

a plurality of disks positioned on the spindle motor, the plurality of disks including a first disk and a second disk, the first disk having a plurality of first disk through apertures adjacent to an inner diameter of the first disk, the first disk through apertures being circumferentially spaced-apart and extending longitudinally through the first disk;

a disk spacer positioned between the first and second disks, the disk spacer having a plurality of spacer apertures, the spacer apertures being circumferentially spaced-apart and extending longitudinally through a portion of a thickness of the disk spacer;

a disk clamp for clamping the plurality of disks to the spindle motor, the disk clamp being adjacent to the first disk, the disk clamp having a plurality of clamp through apertures adjacent to an outer diameter of the disk clamp, the clamp through apertures being circumferentially spaced-apart and extending longitudinally through the disk clamp;

wherein the first disk through apertures, the spacer apertures, and the clamp through apertures are aligned for allowing airflow to pass through the apertures when the plurality of disks are rotating.

2. The disk drive of claim 1, wherein the first disk through apertures are generally equally circumferentially spaced-apart.
3. The disk drive of claim 1, wherein the clamp through apertures are generally equally circumferentially spaced-apart.

4. The disk drive of claim 1, wherein the spacer apertures are generally equally circumferentially spaced-apart.
5. The disk drive of claim 1, wherein the first disk through apertures, the spacer apertures, and the clamp through apertures are radially and circumferentially aligned.

6. A magnetic disk for a disk drive being subject to airflow within its interior, the magnetic disk comprising:

an inner diameter;

an outer diameter; and

a plurality of disk through apertures adjacent to the inner diameter, the disk through apertures being circumferentially spaced-apart and extending longitudinally through the magnetic disk;

wherein the disk through apertures allow airflow to pass through when the magnetic disk is rotating.

7. The magnetic disk of claim 6, wherein the disk through apertures are generally equally circumferentially spaced-apart.